



**SAN BERNARDINO COUNTY FIRE DEPARTMENT
COMMUNITY SAFETY DIVISION**

620 South 'E' Street
San Bernardino, CA 92415-0179
(909) 386-8400

Standard Number

A-2

Revision Date:
3-22-16

FIRE PREVENTION STANDARD

FIRE APPARATUS ACCESS ROAD DESIGNATION AND MARKING

AUTHORITY

Sections 102.9 of the 2013 California Fire Code and Sections 4 and 8 of the San Bernardino County Fire Protection District Fire Code Ordinance state that the fire code official of the San Bernardino County Fire Department shall have the authority to adopt policies, procedures, rules, and regulations in order to clarify the application of the Fire Code and to determine requirements not specifically provided for by the Fire Code. For further requirements on this subject, see sections 503.1 and 503.2 et. seq. of the 2013 California Fire Code. This standard may be modified with the approval of the Fire Code Official.

PURPOSE

The purpose of this standard is to provide the minimum requirements for the designation of fire lanes in accordance with the provisions of the California Fire Code (CFC), the California Vehicle Code (CVC) §22500 et seq. and §22658, as well as any locally adopted amendments to these codes.

SCOPE

This standard applies to the marking of all Fire Department access roadways for new construction and development. Existing roadways identified as fire access roadways or otherwise required for emergency access shall also be marked per this standard.

DISCLAIMER

These standards may change without notice. Whenever applicable statutes, regulations and standards are updated and adopted, the latest shall apply. Please contact the Community Safety Division at (909) 386-8400 to determine if these standards have changed.

These requirements do not exempt any individual from complying with other applicable state, county, or city codes and standards.



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SUBMITTALS

Fire Department access roads shall be clearly identified on all new construction or tenant improvement plans submitted to the Fire Department for approval.

When required, a separate set of plans or an exhibit showing the details and identifying the specific means of fire apparatus access road designation shall be submitted to the Fire Department for approval. Such plans or exhibit shall be a scaled site plan or plot plan and shall contain the following information at a minimum:

- 1) Location(s) of all fire apparatus access roads, parking areas, fire appliances, buildings or structures, and any other significant features on the site
- 2) Location(s) of all "NO PARKING" signage, striping, or red curb markings per this standard
- 3) Details of all signage and striping, as it complies with this standard.

DEFINITIONS

EMERGENCY VEHICLE ACCESS (EVA) - A road or other passageway developed to allow the passage of fire apparatus. An emergency vehicle access is not necessarily intended for vehicular traffic other than fire apparatus.

FIRE APPARATUS ACCESS ROAD - A road that provides fire apparatus access from a fire station to a facility, building or portion thereof. This is a general term inclusive of all other terms such as fire lane, public street, private street, parking lot drive aisle and fire access roadway.

FIRE APPLIANCE Apparatus or equipment provided or installed for Fire Department use in the event of an emergency.

FIRE LANE - A fire access roadway on private property that is identified and marked in accordance with this Standard and that must remain unobstructed at all times, including the parking of vehicles or loading or unloading activities.



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GENERAL

- 1) Fire lanes shall be designated and marked adjacent to all multi-family residential, commercial and industrial building access points and approaches.
- 2) All roadways equal to or less than SBCFD Standards for width, including private roads, where the roadway width would preclude any parking along the sides of the roadway or where parking along only one side of the road is allowed shall be designated and marked as a fire lane.
- 3) All roadways encircling and/or providing direct access to commercial, industrial or multi-residential buildings and manufactured home developments shall be designated as a fire lane.
- 4) Areas within fifteen (15) feet of any fire appliance shall be designated as a fire lane.
- 5) Any other roadways may be designated as a fire lane by the fire code official on a case-by-case basis.
- 6) All fire apparatus access roads shall be identified by at least one of the following methods:
 - a) Approved signs
 - b) Approved red curbs
 - c) Approved pavement striping

SIGNAGE

- 1) Signs shall be no less than eighteen (18) inches high by twelve (12) inches wide and made of durable material.
- 2) Signs shall be labeled, "NO PARKING", "FIRE LANE", and "CVC22500.1" in all upper case letters.
- 3) Lettering shall be no less than three inches (3") high with red lettering on a white background. "CVC 22500.1" shall be in one inch (1") letters.
- 4) The perimeter of the sign shall have a one inch (1") red border.
- 5) Signs shall be installed with no less than a seven foot (7") clearance from the bottom of the sign to finish grade.
 - 6) Signs shall be installed within twenty four inches (24") of the curb face.
- 7) Signs shall be located no more than fifty feet (50') apart when installed on one side of the street and one hundred feet (100') apart when installed on both sides of the street.



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- 8) There shall be a sign within five feet (5') of the beginning and end of any fire lane.
- 9) Signs designed to a recognized City, County or State standard shall be deemed acceptable if they meet the intent of the specifications above. **(See Diagram A-2.1)**

RED CURBING

- 1) Curbing used to designate fire lanes shall be painted in a weather-resistant red paint. Reflective paint may be used for higher visibility.
- 2) Curbing shall be labeled, "NO PARKING – FIRE LANE – CVC 22500.1" in all upper case letters
- 3) Lettering shall be no less than three (3") inches high with white lettering on a red background and placed on the face and top of the curb.
- 4) Lettering shall be located no more than fifty feet (50') apart and within five feet (5') of the beginning and end of any fire lane. **(See Diagram A-2.2)**

ROADWAY STRIPING

- 1) Roadway striping shall only be used where there are no curbs or adequate area to install signs.
- 2) Stripes shall not be less than eight inches (8") wide.
- 3) Striping used to designate fire lanes shall be painted in weather-resistant white and red paint. Reflective paint may be used for higher visibility.
- 4) Stripes shall have white lettering centered within the stripe, a minimum of six inches (6") in height, reading, "NO PARKING – FIRE LANE" as well as "CVC 22500.1," in all upper case letters.
- 5) Lettering blocks shall be located no more than thirty five feet (50') apart and within five feet (5') of the beginning and end of any fire lane. **(See Diagram A-2.3)**

PROVISIONS FOR TOWING

- 1) In order to tow vehicles parked in fire lanes, private property owners, including Home-Owners Associations (HOA's,) shall install signs in addition to standard fire lane markings, in



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plain view at all entrances to the property, pursuant to California Vehicle Code section 22658.

- 2) Signs for the purposes of towing vehicles for fire lane violations shall conform to the following:
 - a) Signs shall be no less than eighteen inches (18") wide and twenty four inches (24") high
 - b) Lettering shall be no less than one inch (1") high.
 - c) Signs shall state "PARKING IN A FIRE LANE IS PROHIBITED" and "VEHICLES IN VIOLATION WILL BE TOWED AT THE OWNER'S EXPENSE"
 - d) Signs shall provide the phone number of the local traffic enforcement agency
 - e) Signs shall provide the name and phone number of each company participating in a towing agreement with the property owner or association. **(See Diagram A-2.4)**

MAINTENANCE OF MARKINGS AND SIGNAGE

- 1) Installation and maintenance of red curbing, signage, striping, and all other markings or designators required by this Standard located on private property and private roadways shall be the responsibility of the property owner, management company representing the property owner, or an association.



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DIAGRAM A-2.1: "NO PARKING" SIGNAGE DETAIL

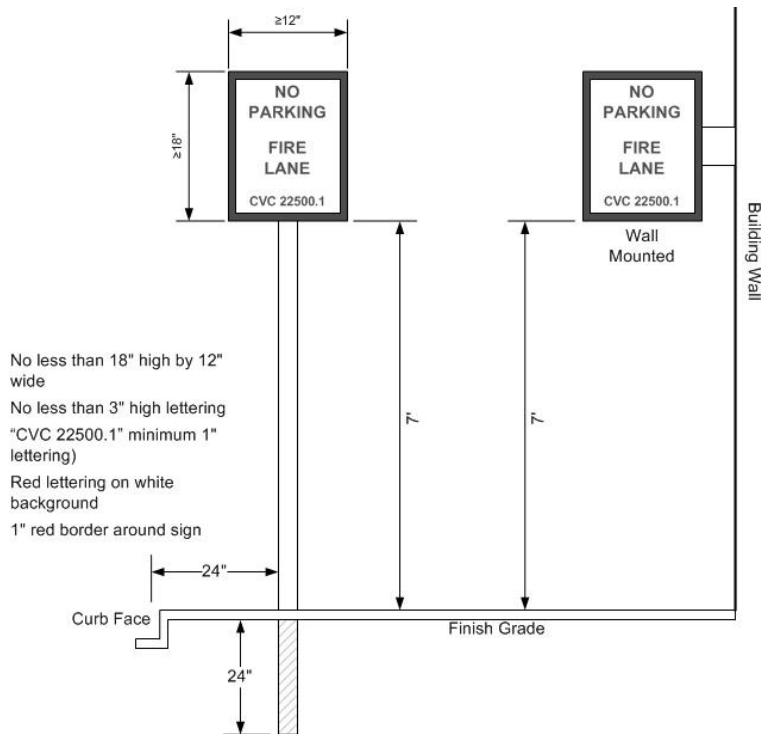
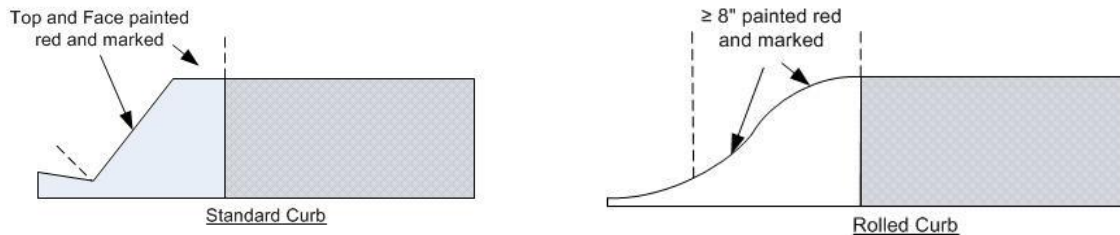


DIAGRAM A-2.2: CURB PAINTING DETAIL





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DIAGRAM A-2.3: ROADWAY STRIPING DETAIL

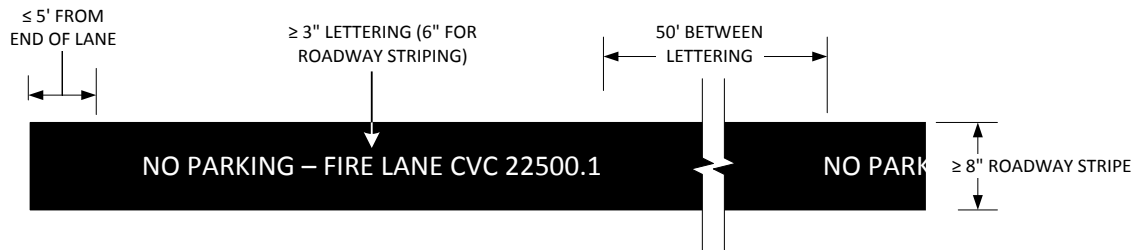


DIAGRAM A-2.4: DETAIL OF SIGNAGE FOR THE PURPOSES OF TOWING VEHICLES

